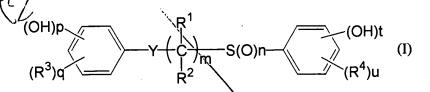


1. Phenol compounds represented by a general formula (I);



wherein R¹ and R² represent hydrogen or C1-C6 alkyl,

m represents an integer of 1 to 6,

n represents an integer of 0 to 2,

p and t represent an integer of 0 to 3, with proviso that p and t never be 0, concurrently,

R³ and R⁴ nitro, carboxyl, halogen, C1-C6 alkyl, C1-C6 alkoxy, C1-C6 alkoxycarbonyl, sulfamoyl, phenylsulfamoyl, C1-C6 alkylsulfamoyl, di(C1-C6 alkylsulfamoyl), carbamoyl, phenylcarbamoyl, C1-C6 alkylcarbamoyl or di(C1-C6 alkylcarbamoyl),

q and u represent an integer of 0 to 2,

 R^3 and R^4 may be different to each other when q and u are 2, Y represents CO or NR^5CO ,

R⁵ represents hydrogen, C1-C6 alkyl, optionally-substituted phenyl or optionally-substituted benzyl,

with proviso that p is 1 when Y is CO, and n is not 0 when p is 0 and Y is NR^5CO .

2. Phenol compounds represented by a general formula (II);

$$(OH)p \longrightarrow NR^5CO + \begin{pmatrix} R^1 \\ C \\ R^2 \end{pmatrix} m S(O)n \longrightarrow R^4$$
 (II)

wherein R^1 , R^2 , R^3 , R^4 , R^5 , m, n, p and t are as defined above, with proviso that p and t may be 0.

3. Phenol compounds represented by a general formula (III);

$$\begin{array}{c|c} OH & & & \\ \hline \\ R^3 & & & \\ \hline \\ R^2 & & \\ \hline \end{array} S(O)n & & \\ \hline \\ R^4 & & \\ \hline \end{array} (III)$$

wherein R^1 , R^2 , R^3 , R^4 , R^5 , m, n and t are as defined above, with proviso that t may be 0.

4. A recording material containing a color forming dye characterized in that the recording material comprises at least one of the phenol compounds represented by a general formula (I)

$$(OH)p \longrightarrow Y + \begin{pmatrix} R^1 \\ C \end{pmatrix}_m S(O)n \longrightarrow (R^4)u$$
 (I)

wherein R¹ and R² represent hydrogen or C1-C6 alkyl,

m represents an integer of 1 to 6,

n represents an integer of 0 to 2,

p and t represent an integer of 0 or 1, with proviso that p and t never be 0, concurrently,

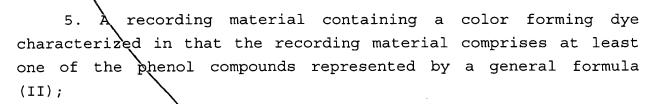
R³ and R⁴ represent hydrogen, hydroxy, carboxyl, halogen, C1-C6 alkyl, C1-C6 alkoxy, C1-C6 alkoxycarbonyl, sulfamoyl, phenylsulfamoyl, C1-C6 alkylsulfamoyl, di(C1-C6 alkylsulfamoyl), carbamoyl, phenylcarbamoyl, C1-C6 alkylcarbamoyl or di(C1-C6 alkylcarbamoyl),

q and u represent an integer of 1 to 2, and

 R^3 and R^4 may be different to each other when q and u are 2, Y represents CO or NR^5CO ,

R⁵ represents hydrogen, C1-C6 alkyl, optionally-substituted phenyl or optionally-substituted benzyl,

with proviso that p is 1 and R^3 is not hydroxy when Y is CO, and n and t are not 0 when p is 0 and Y is NR^5CO .



$$(OH)p \longrightarrow NR^5CO + C \longrightarrow R^1 \longrightarrow S(O)n \longrightarrow R^4 \qquad (II)$$

wherein R^1 , R^2 , R^3 , R^4 , R^5 , m, n, p and t are as defined above, with proviso that p and t may be 0.

6. A recording material containing a color forming dye characterized in that the recording material comprises at least one of the phenol compounds represented by a general formula (III);

$$\begin{array}{c} OH \\ \\ R^{3} \end{array} \longrightarrow \begin{array}{c} CO + \begin{pmatrix} R^{1} \\ C \end{pmatrix}_{m} S(O)n - \begin{pmatrix} OH \end{pmatrix} \\ \\ R^{4} \end{array}$$
 (III)

wherein \mathbb{R}^1 , \mathbb{R}^2 , \mathbb{R}^3 , \mathbb{R}^4 , m, n and t are as defined above, with proviso that t may be 0.